

IN THE SPECIFICATION:

Please amend the specification as follows:

Please delete Paragraph [0001].

[0035] A preferred abrasive comprises polymeric particles in the form of an acrylic ultra-fine powder, ~~as described in product literature of the~~ such as those commercially available from Esprit Chemical Co, of Sarasota, Florida, in particular the for its “MP Series”™ of products ~~which product literature appears in Appendix I hereto and is incorporated herein by reference .~~ The MP Series™ includes products with grade numbers MP-1000, MP-1100, MP-1201, MP-1400, MP-1401, MP-1450 and MP-1451, each of which is composed of PMMA particles that are hydrophilic and have a negative charge polarity; grade number MP-1220, which is composed of silica-coated PMMA particles that are hydrophilic and have a negative charge polarity; grade number MP-2701, which is composed of silica-coated PMMA particles that are hydrophilic and have a positive charge polarity; grade number MP-3100, which is ~~which~~ is composed of PMMA particles that are hydrophobic, solvent resistant, and have a negative charge polarity; and grade number MP-4009, which is composed of “PMMA/PBMA” particles (that is, each particle is composed of PMMA and PBMA) that are hydrophobic, have a low softening point, and have a negative charge polarity. The MP-1220 product may be a suitable choice for certain CMP applications, despite the silica coating of its PMMA particles, given the flexibility of the polymer particle core that may allow the particle to polish a surface feature without significant or appreciable microscratching. The MP-3100 product may be a suitable choice for certain CMP applications, despite its hydrophobicity, as it may be less adhesive in relation to a hydrophobic film, such as one of the relatively new, low-conductivity films that may be deposited on a substrate via a chemical vapor deposition process. Because of the surface charge characteristics of the polymer particles of the above-described products, many of these products are used as additives for binary toner products that are used in connection with electrophotographic copiers.

[0038] Another preferred abrasive comprises mono-dispersed grains, ~~as described in product literature of the~~ such as those commercially available from Esprit Chemical Co. of Sarasota, Florida, in particular the for its “SF Series”™ of products (including products with product

names SF-15, SF-22, SF-30 and SF-65), ~~which product literature appears in Appendix 2 hereto and is incorporated herein by reference~~ . The grains are preferably formulated to appear as a fine powder, typically white in color. Additionally, the grains are preferably formulated to be substantially dry, having a water content of about 1% or less, for example. Preferably, the grains are provided in a narrow particle size (diameter) distribution, such as about 1.5 ± 0.2 microns, about 2.2 ± 0.3 microns, and about 3.0 ± 0.4 microns, for example, although other sizes and distributions are possible. The grains may be charged in a manner previously described. According to one embodiment of the invention, the abrasive (Abrasive 3) comprises one of the SF Series of products, namely, SF-15, certain characteristics of which are set forth in Table 1 below.

[0039] Yet another preferred abrasive mono-dispersed beads, ~~as described in product literature of such as those commercially available from Esprit Chemical Co. of Sarasota, Florida, in particular the for its "MX Series"™ of products (including products with product names "MX-150, MX-300, MX-500, MX-1000, MX-1500), which product literature appears in Appendix 3 hereto and is incorporated herein by reference~~ . The beads are preferably formulated to appear as a fine powder, typically white in color, and preferably substantially dry. Preferably, the beads are provided in a very narrow particle size (diameter) distribution, such as about 1.5 ± 0.08 microns, or about 3.0 ± 0.15 microns, for example, although other sizes and distributions are possible. The beads may be charged in a manner previously described. According to one embodiment of the invention, the abrasive (Abrasive 4) comprises one of the MX Series of products, namely, MX-150, certain characteristics of which are set forth in Table 1 below.